



T1M12400700-75CBE

SPECIFICATIONS



- Constant Current LED Driver
- Output Wattage: 75W
- Input Voltage: 240±15%Vac,50Hz
- Output Current: 700mA ±5%
- Thermal Protection
- CRCA enclosure with Wires
- Output voltage range of 60-108Vdc
- Suitable for Dry and Damp Locations
- Analog Dimming 1-10Vdc
- 440Vac application @ 8Hrs
- Surge Immunity 5KV/5KV
- OVP and UVP Cut-off

General Specifications

| | |
|---------------------------------------|--|
| Rated Input Voltage | 240Vav ±15%,50Hz |
| Operating Input Voltage Range | 110-320Vac,50Hz |
| Input Current | 0.440 A Max. |
| Input Power | 93W Max. |
| Power Factor | >0.98 |
| THD | <10% |
| Efficiency | >87% |
| Driver Type | Isolated Class I (IEC 61140) |
| Output Current | 700mA ±5% |
| Output Voltage Range | 60-108Vdc |
| Output Open - Load Voltage | 114Vdc |
| Output Power | 75W |
| Number of Output Channels | 1 Channel |
| Dimming Controller Type/Dimming Range | Analog 1 - 10Vdc, (10 - 100%) |
| RFI/EMI | EN 55015 |
| Output Type | Constant Current |
| Ambient Operating Temperature Range | -25°C to 50°C |
| Max. Case Temperature | 80°C |
| Sound Rating | NA |
| Input Surge Protection | Line-Neutral 5kV, Line & Neutral-Ground 5kV |
| Protections | Input Over Current : NON-Resettable |
| | Input Over Voltage : Shutdown @ >325Vac, Auto recovery @ 300-315Vac, 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C |
| | Input Under Voltage : Shutdown < 95Vac, Auto recovery 100Vac to 110Vac |
| | Output Short Circuit : Auto recovery |
| | Output to Ground short : Auto recovery |
| | Output Overload : Limited by maximum Output Voltage |
| Service Life | Over Temperature : Output Current Fold-back above declared Tc max |
| | 50,000 hours @ Tc Max |
| Approvals / Class | Class I (IEC 61140); Dry and Damp Locations |
| | EN 61347-2-13 |
| | EN 62384 |
| | EN 61547 |
| | EN 61000-3-2 |
| RFI/EMI | EN 61000-3-3 |
| | EN55015 / CISPR15 |
| Warranty | 3 Years |
| Weight | 0.640 Kg |

Note : The usage of a compatible SPD is mandatory for outdoor application.
Recommended Fulham SPD - SPD1230S5A5K54

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ Tc 80°C** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog (www.fulham.com). Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described. © Fulham Company Limited, All Rights Reserved.

Figure 1

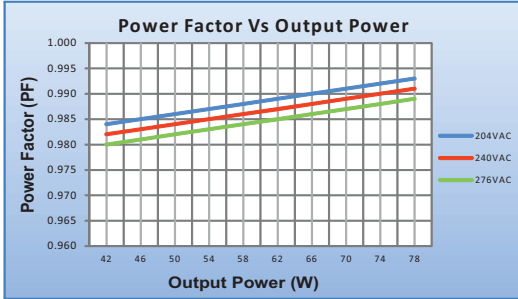


Figure 2

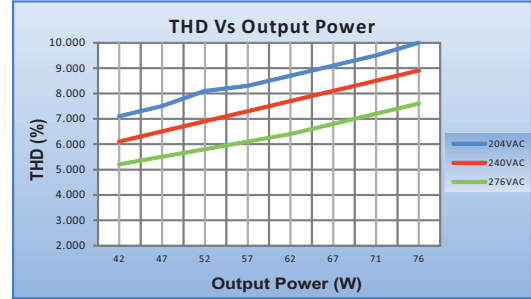


Figure 3

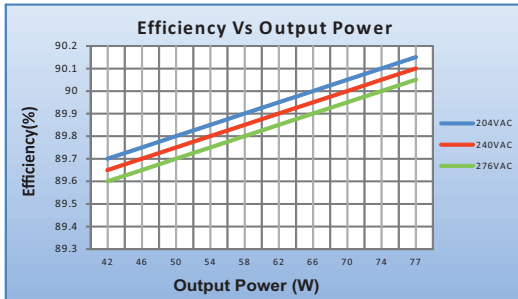


Figure 4

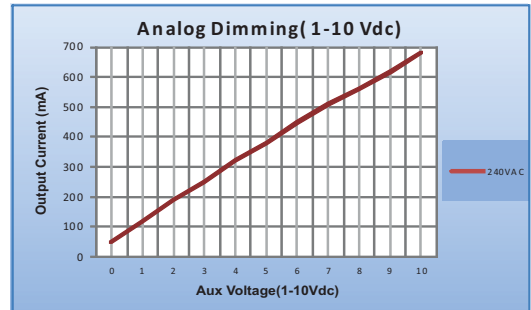


Figure 5

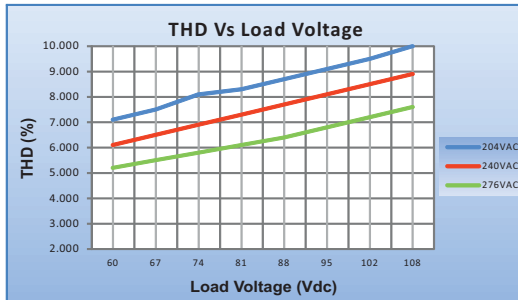


Figure 6

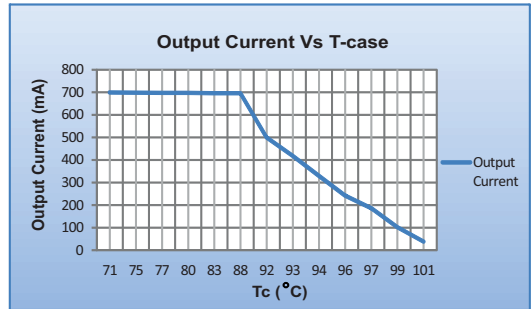
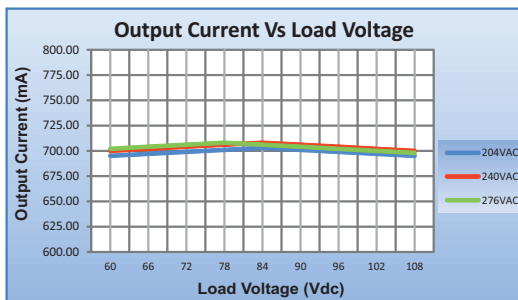
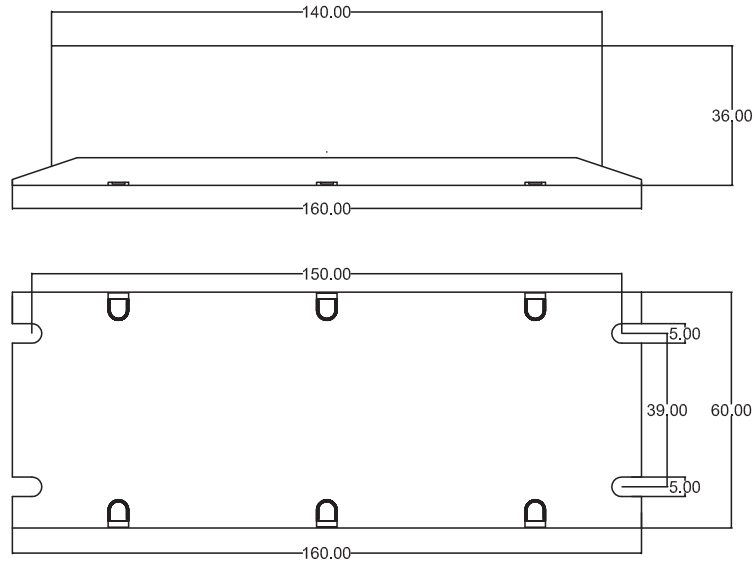


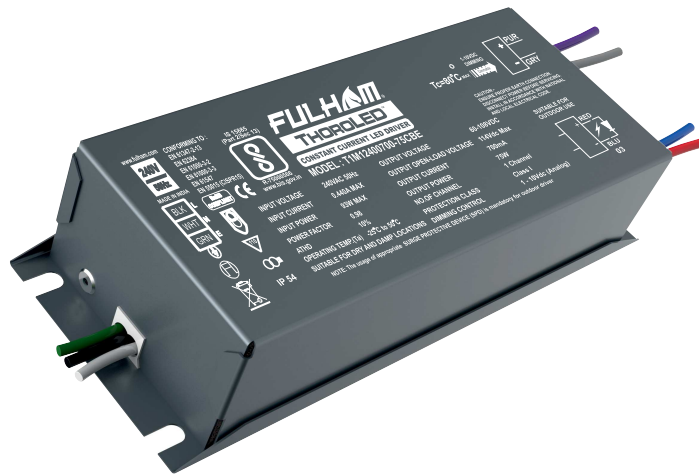
Figure 7



Mechanical Data



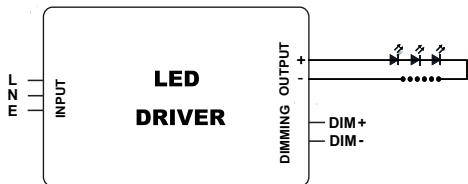
Product Image



Note : All Dimensions are in mm.

Tolerance=±0.5mm

Wiring Diagrams



| INPUT SIDE | LENGTH | OUTPUT SIDE | LENGTH |
|------------|---------|----------------|---------------|
| BLACK (L) | 300±5mm | RED (+) | 300±5mm |
| WHITE (N) | | BLUE (-) | |
| GREEN (E) | | DIMMING | LENGTH |
| | | PURPLE (DIM+) | 300±5mm |
| | | GREY (DIM -) | |